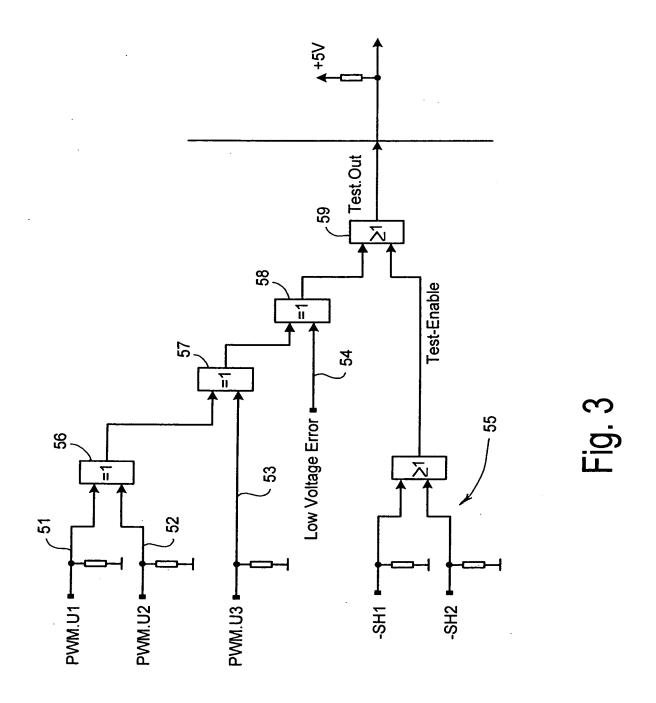


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Fig. 4

```
PWM - Signals
```

PWM1: 0 1 0 0 1 0 1 1 PWM2: 0 0 1 0 1 1 0 1 PWM3: 0 0 0 1 1 1 1 0

Test. Out:

Low Voltages OK

1, 0, 0, 0, 0, 1, 1, 1 // all OK

```
1, 1, 0, 0, 1, 1, 0, 0 // PWM.U1 Stuck on 0
```

1, 0, 0, 0, 0, 0, 0 // PWM.U1 = PWM.U2 = PWM.U3

Low Voltages Faulty

0, 1, 1, 1, 0, 0, 0 // PWM Signals OK

```
0, 0, 1, 1, 0, 0, 1, 1 // PWM.U1 Stuck on 0 + low voltage
```

0, 1, 1, 1, 1, 1, 1 // PWM.U1 = PWM.U2 = PWM.U3 + low voltage

General errors

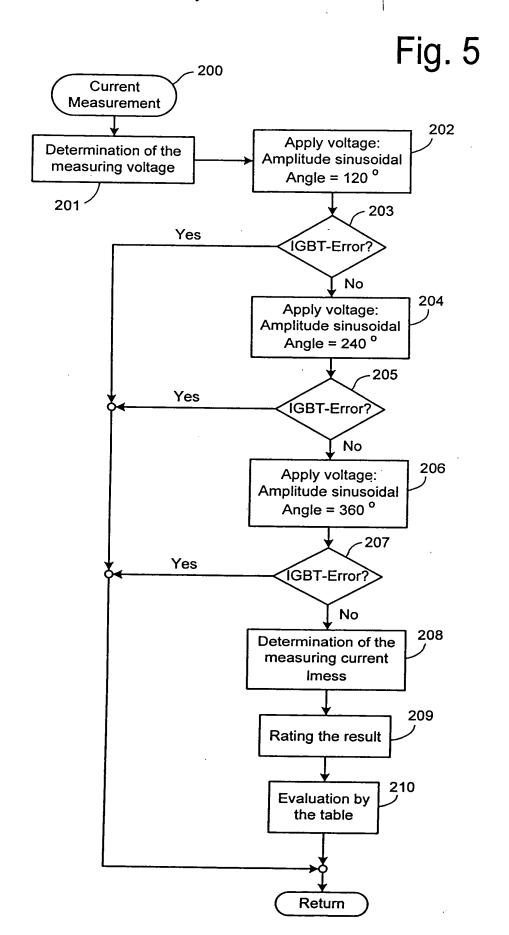
0, 0, 0, 0, 0, 0, 0 // SH1 or SH2 not "0"

1, 1, 1, 1, 1, 1, 1 // Test - output open

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		_	_		,			
Result				No short circuit	No short circuit Phase 11-12	No short circuit Phase 11-13	No short circuit Phase 12-13	Perform test for Line-to-ground fault
Measurement Step 3	-U/2	-U/2	⊃	1	-	0	0	0
Measurement Step 2	-U/2	n	-U/2	1	0	-	0	0
Measurement Step 1	n	-U/2	-U/2	1	0	0	1	0
·	U1	U2	U3	-ERR				

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